

IN THE CLAIMS

*The status of the claims as presently amended is as follows:*

1. (*Currently Amended*) An information providing system comprising:

a sound emission device[[,]] adapted to emit, as a sound wave, identification information modulated to a sound signal;

an identification information resolution server that is connected to an information communication network and includes a mapping table ~~in which~~ storing the identification information, valid time difference information, which indicates a range of valid time of the identification information, and address information of a content corresponding to the identification information ~~are stored to be associated~~ in association with each other; and

a mobile terminal device that includes a sound pickup unit[[,]] adapted to pick up the sound wave emitted from the sound emission device, a demodulation unit[[,]] adapted to demodulate the identification information from the picked up sound wave, an identification information resolution unit[[,]] adapted to transmit the demodulated identification information to the identification information resolution server and thus acquire the address information, and a network access unit[[,]] adapted to access the content using the acquired address information,

wherein the identification information resolution server receives the identification information from the mobile terminal device, refers to the mapping table using a time difference information ~~and the identification information~~, and returns the address information of a corresponding content to the mobile terminal device when ~~the~~ the time information difference is within the range of valid time indicated by the valid time difference information contained in the mapping table, and

wherein the time difference is between when the mobile terminal either received the sound wave emitted from the sound emission device or demodulated the identification information after receiving the sound wave, and when the mobile terminal transmits the identification information to the identification information resolution server.

2. (*Previously Presented*) The information providing system according to claim 1, wherein:

the sound emission device is a broadcasting receiving device,

the sound wave is transmitted from a broadcasting station, as a sound wave in a broadcasting program or promo, and

the identification information resolution server identifies address information for accessing a content relating to the program or promo, based on the received identification information.

3. (*Canceled*)

4. (*Currently Amended*) An identification information resolution server comprising:

a reception unit[[,]] adapted to receive identification information through an information communication network from a mobile terminal device that is adapted to pick up a sound wave including the identification information and demodulate the identification information from the sound wave, the identification information being modulated to a sound signal;

a storage unit storing therein a mapping table in which the identification information, valid time difference information, which indicates a range of valid time of the identification information, and address information of a content corresponding to the identification information ~~are stored to be associated~~ in association with each other; and

an identification information resolution section[[,]] adapted to refer to the mapping table using a time difference information and the identification information received by the reception unit, and return the address information of a corresponding content to the mobile terminal device when the time difference information is within the range of valid time indicated by the valid time difference information,

wherein the time difference is between when the mobile terminal either received the sound wave emitted from the sound emission device or demodulated the identification information after receiving the sound wave, and when the mobile terminal transmits the identification information to the identification information resolution server.

5-6. (*Canceled*)

7. (*Currently Amended*) The information providing system according to claim 1, wherein the identification information resolution server replies to the mobile terminal device indicating ~~indicate~~ that the identification information is invalid when the time difference information is out of the range of valid time indicated by the valid time information.

8. (*Currently Amended*) The identification information resolution server according to claim 4, wherein the identification information resolution section replies to the mobile terminal device ~~indicating~~ indicate that the identification information is invalid when the time difference ~~information~~ is out of the range of valid time indicated by the valid time information.